

**FORM PTO-1449 (MODIFIED)**

**LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

In re Application of: Alexander E. Smith et al.	Docket No.: RANN-0012 RNB REF: RANN-0012
Serial Number: 10/751,115	Art Unit: 3662
Filing Date: January 5, 2004	Examiner: LINDA DAO PHAN

Title: Method and Apparatus to Correlate Aircraft Flight Tracks and Events with Relevant Airport Operations Information

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	#	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JP	45	6,606,034	09/12/03	Muller et al.	340	970	07/31/95
↑	46	6,469,664	10/22/02	Michaelson et al.	342	357.13	06/26/00
	47	5,454,720	10/03/95	FitzGerald et al.	434	27	05/21/94
	48	6,633,259	10/2003	Smith et al.	342	456	
	49	20020021247	02/2002	Smith et al.	342	450	
	50	3,668,403	01/1972	Meilander	701	121	
↓	51	5,381,140	01/1995	Kuroda et al.	340	961	
JP	52	5,752,216	05/1998	Carlson et al.	701	120	
	53						
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	55						
	56						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATED Y N
JP	F01	JP 9-119983A	11/27/96	JAPAN	—	—	ABST
JP	F02	JP 8-146130A	5/29/96	JAPAN	—	—	ABST
JP	F03	JP 6-342061A	12/13/94	JAPAN	—	—	ABST
JP	F04	JP 9-288175A	11/04/94	JAPAN	—	—	ABST
	F05						
	F06						
	F07						

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
DP	01 5,528,244	06/18/96	Schwab	342	37	03/31/95
	02 4,454,510	06/12/84	Crow	343	5	02/23/81
	03 5,191,342	03/02/93	Alsup et al.	342	465	08/06/81
	04 4,196,474	04/01/80	Buchanan et al.	364	461	02/11/74
	05 5,627,546	05/06/97	Crow	342	352	09/05/95
	06 5,774,829	06/30/98	Cisneros et al.	701	213	12/12/95
	07 5,365,516	11/15/94	Jandrell	370	18	08/16/91
	08 5,570,095	10/29/96	Drouilhet Jr. et al.	342	357	04/01/94
	09 4,524,931	06/25/85	Nilsson	246	167	11/09/81
	10 4,688,046	08/18/87	Schwab	342	456	12/13/82
	11 5,680,140	10/21/97	Loomis	342	357	02/26/96
	12 6,049,304	04/11/00	Rudel et al.	342	357.08	07/10/97
	13 5,999,116	12/7/99	Evers	342	36	07/14/98
	14 6,094,169	07/25/00	Smith et al.	342	465	12/11/98
	15 6,085,150	07/04/00	Henry et al.	701	301	07/22/97
	16 4,229,737	10/21/80	Heldwein et al.	343	6R	10/21/80
	17 5,596,332	01/21/97	Coles et al.	342	455	05/22/96
	18 5,781,150	07/14/98	Norris	342	357	10/13/95
	19 6,448,929	09/10/02	Smith et al.	342	456	09/17/01
	20 5,262,784	11/16/93	Drobnicki et al.	342	45	06/15/92
	21 5,374,932	12/20/94	Wyschogrod et al.	342	36	08/02/93
DP	22 5,596,326	01/21/97	Fitts	342	30	07/17/95

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<b>OTHER ART (including Author, Title, Pertinent Pages, etc.)</b>		
DP	A01	TRAFFIC ALERT SYSTEM TECHNICAL DESIGN SUMMARY, Final Report, April 1994 (Baldwin et al.)
DP	A02	AIRSCENE, The complete Air Traffic Picture in Real Time, www.airscene.com, Rannoch Corporation, Alexandria, Virginia, undated.
DP	A03	GPS Relative Accuracy for Collision Avoidance, Institute of Navigation Technical Meeting, January 1997 (Rudel et al.)
DP	A04	Cassell, R., Smith A., Cohen, B., Yang, E., Sleep, B., A Prototype Aircraft Performance Risk Assessment Model, Final Report, Rannoch Corporation, February 28, 2002.
DP	A05	Cassell, R., Smith A., Cohen, B., Yang, E., Sleep, B., Esche, J., Aircraft Performance Risk Assessment Model (APRAM), Rannoch Corporation, November 30, 2002.
DP	A06	Cox, E., A., Fuzzy Logic For Business and Industry, Charles River Media, 1995, Chapter 5.
DP	A07	Smith, A., Cassell, R., Cohen, B., An approach to Aircraft Performance Risk Assessment Modeling, Final Report, Rannoch Corporation, March 1999.
DP	A08	M.L. Wood and R. W. Bush, "Multilateration on Mode S and ATCRBS Signals at Atlanta's Hartsfield Airport", Lincoln Laboratory, M.I.T., January 8, 1998
DP	A09	AERMOD: Description of Model Formulation (Version 02222) EPA 454/R-02-002d, October 21, 2002
DP	A10	FAA INTEGRATED NOISE MODEL, www.faa.gov, current release INM 6.1 (March 4, 2003)
DP	A11	"FLIGHT EXPLORER NEWS: Flight Explorer and Lochard Team to Provide Enhanced Flight Tracking for Customers Worldwide", April 28, 2003, <a href="http://www.flighthexplorer.com/News/press%20releases/pr042803.asp">http://www.flighthexplorer.com/News/press%20releases/pr042803.asp</a>
DP	A12	Source Code received by Rannoch Corp. from FAA, circa 1998.
DP	A13	"A Routine that converts an American Mode S address into its corresponding 'N' number string", Ken Banis, February 17, 1992/
DP	A14	"Description of the U.S. Algorithm for Assigning Mode A Addresses", Robert D. Grappel, M.I.T. Lincoln Laboratory, November 1991
DP	A15	"Program to convert Mode S address to U.S. Tail Number", R.D. Grappel, M.I.T. Lincoln Laboratory, 1991
DP	A16	"Program to convert U.S. aircraft tail numbers to Mode S code", R.D. Grappel, M.I.T. Lincoln Laboratory, 1991

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